

IE-C5ES8VG0300A40A40-E

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com



General ordering data

Version	System cable, RJ45 IP 20, RJ45 IP 20, Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B), PVC, 30 m
Order No.	8934630300
Type	IE-C5ES8VG0300A40A40-E
GTIN (EAN)	4050118410921
Qty.	1 pc(s).

Creation date December 4, 2023 9:09:05 AM CET

Catalogue status 24.11.2023 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Length	30 m	Length (inches)	1,181.102 inch
Net weight	1,124 g		

Temperatures

Storage temperature	-40 °C...75 °C	Operating temperature	-40 °C...80 °C
Installation temperature	0 °C...50 °C		

Cable structure

Arrangement of wire cores	Twisted pair	Colour sequence or wires - wire pairs	white - blue, white - orange, white - green, white - brown
Complete shielding	Aluminium foil, Shielding braid made from copper wiring	Cross-section	4*2*AWG 26/7 - 4*2*0.128 mm ²
Diameter of wire pair	2 mm	Insulation	PE
Insulation cross-section	1 mm	Material sheath	PVC
Number of wires	8	Overlap of shielding braid	65 %
Sheath diameter, max.	6.1 mm	Sheath diameter, min.	5.7 mm
Shielding colour	green (RAL 6018)	Shielding	SF/UTP
Shielding braid thickness	0.1 mm	Strands	7
Wire core insulation thickness	0.25 mm	Wire material	Stranded tin-plated copper wire

Electrical properties of cable

Capacity at 1 kHz	47 nF/km	Category	Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B)
Characteristic impedance	100 ± 5 Ω at 100MHz	Delay skew	25 ns/100m
Loop resistance	290 Ω/km	Resistance differential	3 %
Signal propagation time	4.85 ns/m	Test voltage: wire-wire-shield	700 V AC
Transfer impedance	10 mΩ/m at 10 MHz		

Mechanical and material properties of cable

Abrasion resistance	good	Fire propagation	No
Halogen	Yes	Min. bending radius, once only	5 x cable diameter
Min. bending radius, repetitive	10 x cable diameter	Resistance to spread of flame	in accordance with IEC 60332-1

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Technical data

Plug

Plug	Cable side	left
	Version of contact face	RJ45
	Protection degree (IP)	IP20
	Gender of contact	male contact
	Outlet direction	straight
	Housing main material	Plastic
	Status indicator available	No
	Shielding available	Yes
	Cable side	right
	Version of contact face	RJ45
	Protection degree (IP)	IP20
	Gender of contact	male contact
	Outlet direction	straight
	Housing main material	Plastic
	Status indicator available	No
	Shielding available	Yes
Plug left	RJ45, IP20, male contact, straight, Plastic, shielded	
Plug right	RJ45, IP20, male contact, straight, Plastic, shielded	

Classifications

ETIM 6.0	EC002599	ETIM 7.0	EC002599
ETIM 8.0	EC002599	ETIM 9.0	EC002599
ECLASS 9.0	27-06-03-08	ECLASS 9.1	27-06-03-08
ECLASS 10.0	27-06-03-08	ECLASS 11.0	27-06-03-08
ECLASS 12.0	27-06-03-08	ECLASS 13.0	27060308

Approvals

Approvals



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User Documentation	MAN IE GUIDE DE MAN IE GUIDE EN
Catalogues	Catalogues in PDF-format
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